

Work Order ID 84980

Mcy-31-12 9:10:46 AM

Ship June 15  
Black Sand Hex

\*84980\*

Page 1

Item ID: D350-607-541BK

Accept

\*N900040100\*

Setup Start \*NS1\*

Revision ID:

Stop \*NS2\*

Item Name: Heli-Utility-Basket

Start Date: 30/05/2012 Start Qty: 1.00

\*1\*

Cust Item ID:

Required Date: 11/06/2012 Req'd Qty: 1.00

\*1\*

Customer:

Reference:

Approvals: Process Plan: MLS

Date: 12/05/13 Tooling:

Date:

Run Start \*NR1\*

QC:

Date: SPC (Y/N):

Date:

Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
----------	--------------

100

\*100\*

DC

Document Control

DOCUMENT CONTROL

Memo

Photocopy bluefile & type labels per PPPD350-607-541 CHG003

0.00

0.00

5 labels

MLS 12/06/07

110

\*110\*

Packaging

Packaging

Pick Kit

Memo

\*\*\*\*Mask label plate to size of D4086 label, use scotchbrite red pad to lightly sand area for label, apply label\*\*\*\*

0.00

0.00

12/06/07

120

\*120\*

QC

Quality Control

QC4- 100% Inspect kits for completeness

Memo

0.00

0.00

5 labels

@

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 84980**

May-31-12 9:10:46 AM

**\*84980\***

Page 2

Item ID: D350-607-541BK

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Heli-Utility-Basket

Start Date: 30/05/2012 Start Qty: 1.00

**\*1\***

Cust Item ID:

Required Date: 11/06/2012 Req'd Qty: 1.00

**\*1\***

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start **\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop **\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
---------	--------	--------------	---------------	---------------	------------------	----------------

130



0.00

**\*130\***


Packaging

Memo

0.00

Packaging

Package as per PPPD350-607-541

12/6/12 

140

QC21- Final Inspection - Work Order Release

0.00

**\*140\***


QC

Memo

0.00

Quality Control

MLJ 12/06/08

  
12-06-08

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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# Picklist Print

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Work Order ID: 84980

\*84980\*

Parent Item: D350-607-541BK

\*D350-607-541BK\*

Parent Item Name: Heli-Utility-Basket

Start Date: 30/05/2012

Required Date: 11/06/2012

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 10-08-19 AS PER REV.A DD VERF BY:EC IPP Rev:B  
11.02.09 add to install label DD verf by:EC IPP REV:C 12.03.06  
AS PER ECN12-535 DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D350-607-511

Manufactured No

110

Each

4.0000

\*\*

\*D350-607-511\*

Quick Release Basket Mounting Installation

CH2002

Location

Loc Qty

Loc Code

FG

1

84625

1

FG032

2

83992

2

PK12

1

81830

1

D2690-6

Manufactured No

110

Each

20.0000

\*\*

\*D2690-6\*

Lanyard Assembly

Location

Loc Qty

Loc Code

ST014

20

83360

20

D3912-041

Manufactured No

110

Each

4.0000

\*\*

\*D3912-041\*

Eyebolt Receiver Assembly

Location

Loc Qty

Loc Code

st507

4

82898

4

D4030-041

Manufactured No

110

Each

0.0000

\*\*

\*D4030-041\*

Long Basket Assembly (350)

383992f 502

50

50

84981 12/6/80

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 84980

Parent Item: D350-607-541BK

Parent Item Name: Heli-Utility-Basket

**\*84980\***

**\*D350-607-541BK\***

Start Date: 30/05/2012

Required Date: 11/06/2012

Start Qty: 1.00

Required Qty: 1.00

D4085-3

Manufactured No

110 Each

12.0000

**\*D4085-3\***

Placard, Instructions

\*\*

Location

Loc Qty

Loc Code

ST092

12

83657

12

Manufactured No

110 Each

3.0000

D4151-041

**\*D4151-041\***

Basket Fwd Hardpoint Assembly, Lower

\*\*

Location

Loc Qty

Loc Code

GA

-1

83915

3

ST103

4

Manufactured No

110 Each

1.0000

D4151-043

**\*D4151-043\***

Basket Fwd Hardpoint Assembly, Upper

\*\*

Location

Loc Qty

Loc Code

ST103

1

84605

1

Manufactured No

110 Each

3.0000

D4150-041

**\*D4150-041\***

Attachment Arm Assembly

\*\*

Location

Loc Qty

Loc Code

ST103

3

83916

3

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Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 84980

Parent Item: D350-607-541BK

Parent Item Name: Heli-Utility-Basket

\*84980\*

\*D350-607-541BK\*

Start Date: 30/05/2012

Required Date: 11/06/2012

Start Qty: 1.00

Required Qty: 1.00

AN4-13A

Purchased

No

110

Each

1,347.000

\*AN4-13A\*

Bolt

\*\*

## Location

## Loc Qty

## Loc Code

ST357

1347

119449

33

120187

19

120422

2

120770

293

121652

1000

AN4C15

Purchased

No

110

Each

56.0000

\*AN4C15\*

BOLT

\*\*

## Location

## Loc Qty

## Loc Code

ST358

56

120124

6

121146

50

AN310C4

Purchased

No

110

Each

44.0000

\*AN310C4\*

Nut

\*\*

## Location

## Loc Qty

## Loc Code

ST344

44

120360

19

121166

3

121444

22

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 84980

Parent Item: D350-607-541BK

Parent Item Name: Heli-Utility-Basket

\*84980\*

\*D350-607-541BK\*

Start Date: 30/05/2012

Required Date: 11/06/2012

Start Qty: 1.00

Required Qty: 1.00

MS17984-C413

Purchased

No

110

Each

27.0000

\*MS17984-C413\*

PIN, QUICK RELEASE

\*\*

Location

Loc Qty

Loc Code

ST315

3

114340

1

118612

2

ST333

24

121350

20

121827

4

110

Each

4,047.000

\*\*

MS21042L4

\*MS21042L4\*

Nut

Location

Loc Qty

Loc Code

ST300

4047

119075

125

121011

665

121444

2957

121652

300

110

Each

211.0000

\*\*

MS24665-151

\*MS24665-151\*

Cotter Pin

Location

Loc Qty

Loc Code

ST309

211

17566

211

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Work Order ID: 84980

Parent Item: D350-607-541BK

Parent Item Name: Heli-Utility-Basket

\*84980\*

\*D350-607-541BK\*

Start Date: 30/05/2012

Required Date: 11/06/2012

Start Qty: 1.00

Required Qty: 1.00

NAS1515H4L

Purchased

No

110

Each

421.0000

\*NAS1515H4I \*

WASHER

\*\*

Location

Loc Qty

Loc Code

FG

8

103691

8

ST277

413

118709

16

120390

397

110

Each

810.0000

NAS1149F0432P

Purchased

No

\*NAS1149F0432P\*

Washer

\*\*

Location

Loc Qty

Loc Code

ST275

810

121350

810

110

Each

853.0000

NAS1149C0463R

Purchased

No

\*NAS1149C0463R\*

Washer

\*\*

Location

Loc Qty

Loc Code

FP001

1

115358

1

ST297

852

117735

17

119097

835

May-31-12 9:10:51 AM

Shop Packet Print

Page 5

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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## 4.0 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-607-541 (Standard Basket)	80.7 lb 36.6 kg	± 49.1 in ± 1.25 m	± 3962 in-lb ± 45.8 m-kG	135 in 3.43 m	10895 in-lb 125.5 m-kG
D350-607-543 (Lightweight Basket)	65.7 lb 29.8 kg	± 49.1 in ± 1.25 m	± 3226 in-lb ± 37.3 m-kG	135 in 3.43 m	8870 in-lb 102.2 m-kG
D350-607-545 (Standard Basket)	58.7 lb 26.2 kg	± 49.1 in ± 1.25m	± 2882 in-lb ± 32.8 m-kG	135 in 3.43 m	7925 in-lb 89.9 m-kG
D350-607-547 (Lightweight Basket)	47.7 lb 21.6 kg	± 49.1 in ± 1.25 m	± 2342 in-lb ± 27.0 m-kG	135 in 3.43 m	6440 in-lb 74.1 m-kG
D350-607-511 (Quick Release Basket Mounting Kit)	7.2 lb 3.3 kg	± 36.9 in ± 0.94 m	± 266 in-lb ± 3.1 m-kG	135 in 3.43 m	972 in-lb 11.3 m-kG

## 5.0 PARTS LIST

QTY -541	QTY -543	QTY -545	QTY -547	QTY -511	QTY -501	PART NUMBER	DESCRIPTION
X						D350-607-541	HELI-UTILITY-BASKET
	X					D350-607-543	HELI-UTILITY-BASKET
		X				D350-607-545	HELI-UTILITY-BASKET
			X			D350-607-547	HELI-UTILITY-BASKET
/ 1	1	1	1	X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT
					X	D350-607-501	CONVERSION KIT
1	1	1	1		1	D2690-6	LANYARD
				4	4	D3910-3	X-TUBE LUG
/ 1	1	1	1		1	D3912-041	EYEBOLT RECEIVER ASSY
				8	8	D3984-030	RUBBER EXTRUSION, X-TUBE
1						D4030-041	LONG BASKET ASSY
	1					D4030-043	LONG BASKET ASSY, LIGHTWEIGHT
		1				D4032-041	SHORT BASKET ASSY
			1			D4032-043	SHORT BASKET ASSY, LIGHTWEIGHT
/ 1	1	1	1		1	D4085-3	PLACARD-INSTRUCTIONS
1					1	D4086-200	PLACARD, MAX LOAD
	1				1	D4086-215	PLACARD, MAX LOAD
		1			1	D4086-220	PLACARD, MAX LOAD
			1		1	D4086-232	PLACARD, MAX LOAD
				1	1	D4148-041	FWD X-TUBE LUG ASSY
				1	1	D4149-041	AFT X-TUBE LUG ASSY
1	1	1	1		1	D4150-041	ATTACHMENT ARM ASSY
1	1	1	1		1	D4151-041	BASKET FWD HARDPOINT ASSY (LOWER)
/ 1	1	1	1		1	D4151-043	BASKET FWD HARDPOINT ASSY (UPPER)
/ 6	6	6	6		6	AN4-13A	BOLT
				16	16	AN4-14A	BOLT
1	1	1	1		1	AN4C15	BOLT
1	1	1	1		1	AN310C4	CASTELLATED NUT
1	1	1	1		1	MS17984-C413	QUICK RELEASE PIN
6	6	6	6	16	22	MS21042L4	NUT (OR MS21042-4)
/ 1	1	1	1		1	MS24665-151	COTTER PIN
2	2	2	2		2	NAS1515H4L	WASHER
12	12	12	12	32	44	NAS1149F0432P	WASHER
3	3	3	3		3	NAS1149C0463R	WASHER

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Revision: A

Date: 10.06.28